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FIG. 1

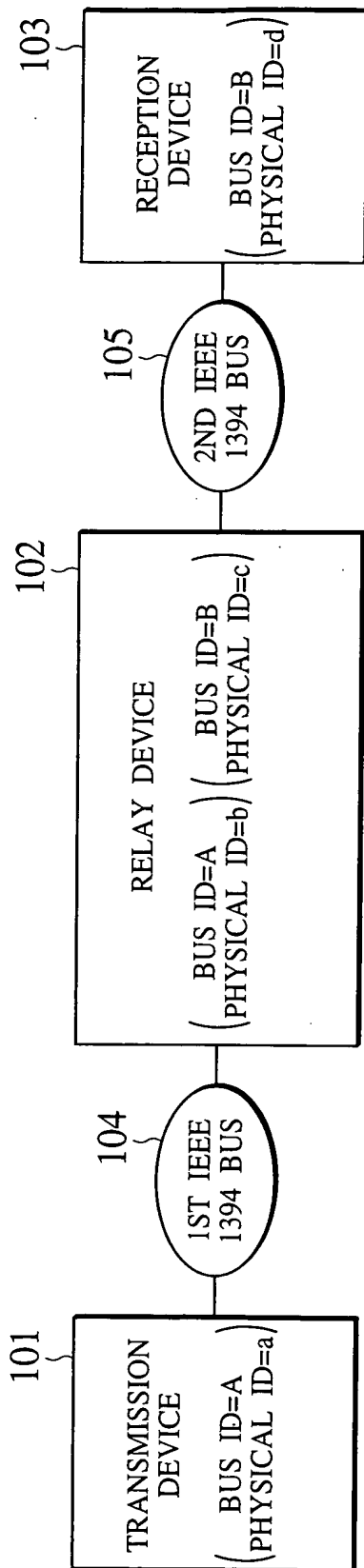
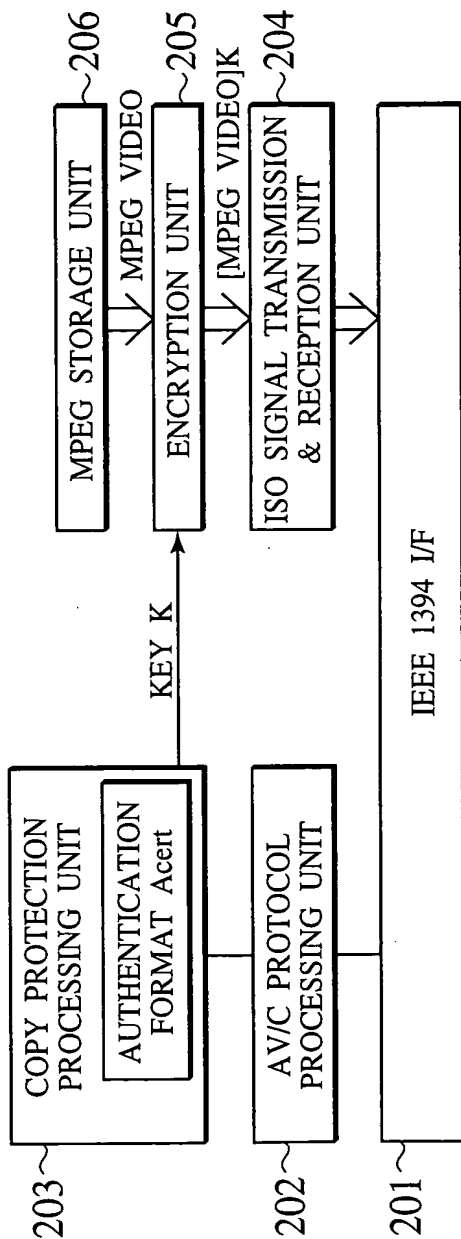


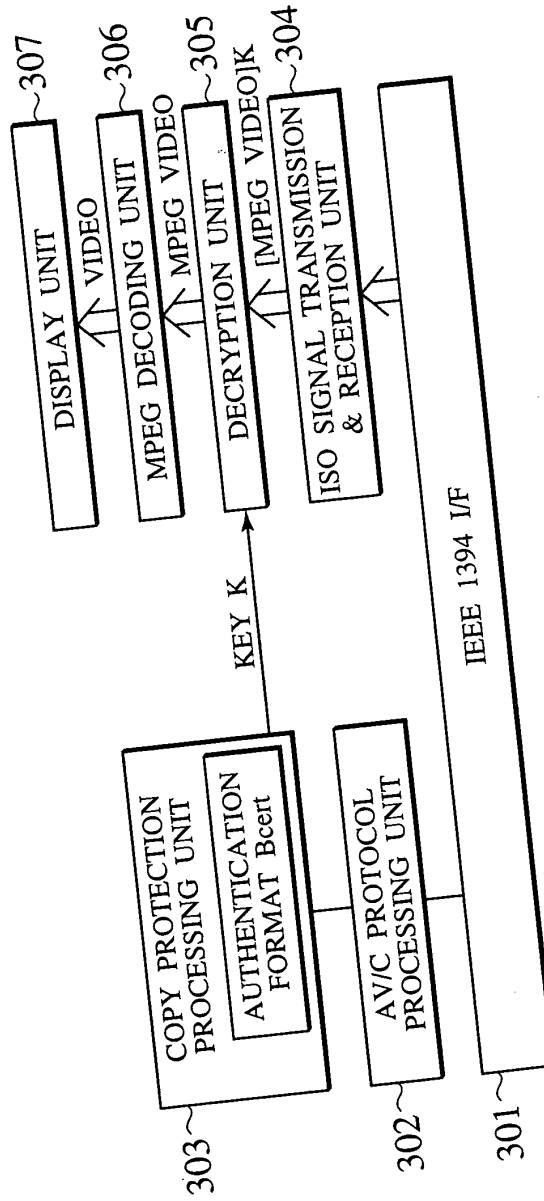
FIG.2



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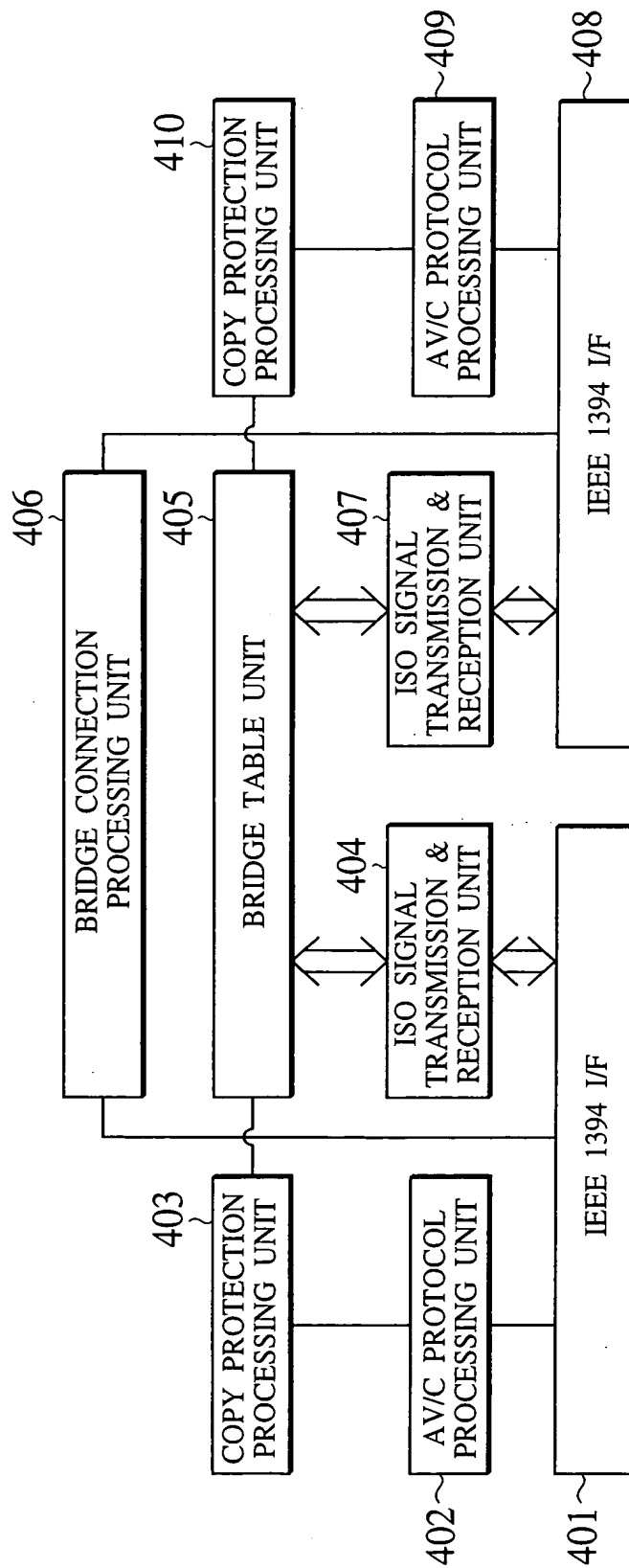
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FIG. 3



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FIG.4



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FIG.5A

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/ RECEPTION DIRECTION	RECEIVING SIDE
	SENDER	
	AUTHENTICATION TARGET	

FIG.5B

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/ RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
	AUTHENTICATION TARGET	

FIG.5C

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/ RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
	AUTHENTICATION TARGET	(B,d),iPCR[0]

FIG.5D

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/ RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
(A,a),oPCR[0]	AUTHENTICATION TARGET	(B,d),iPCR[0]

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FIG.6

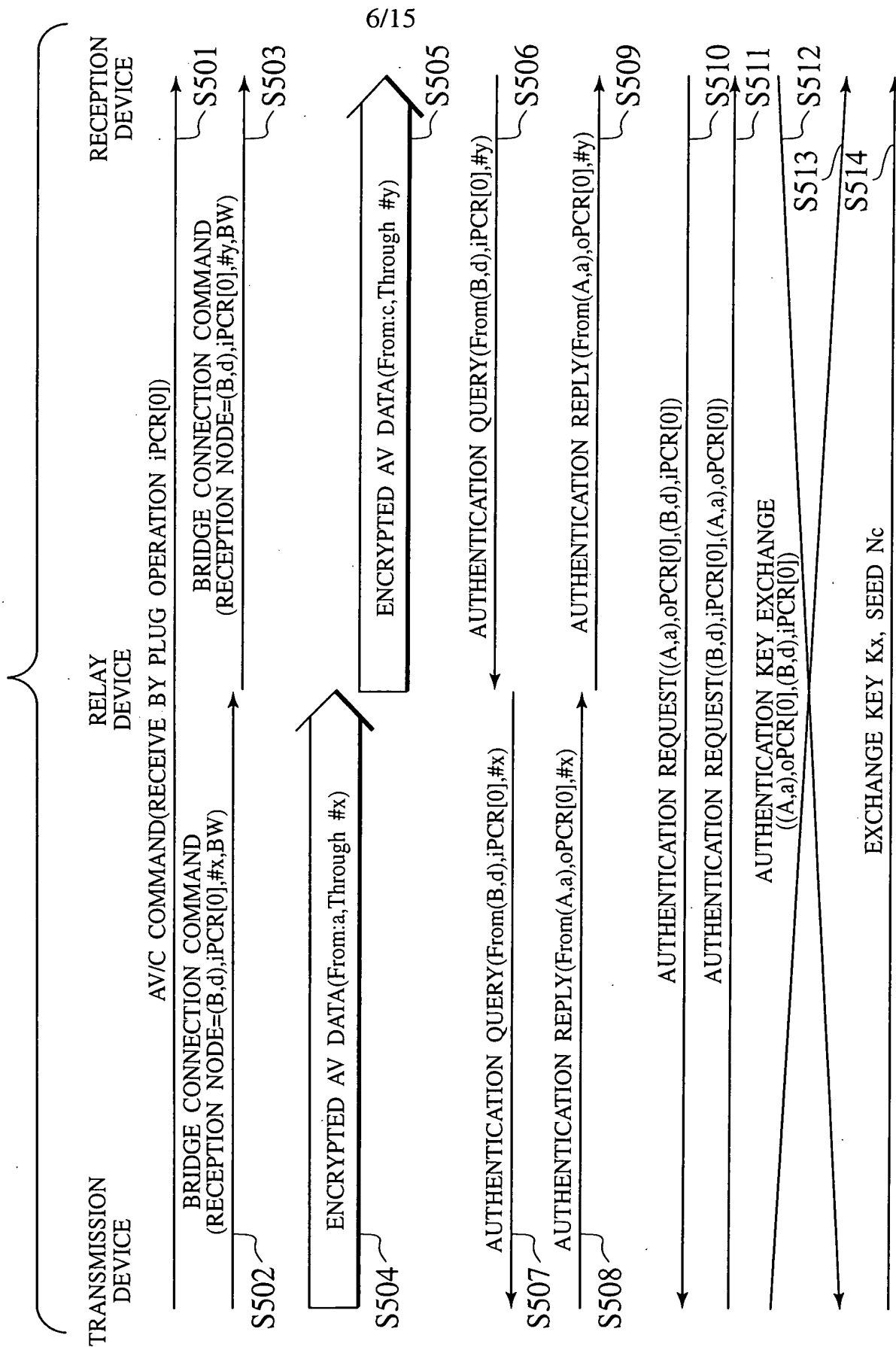
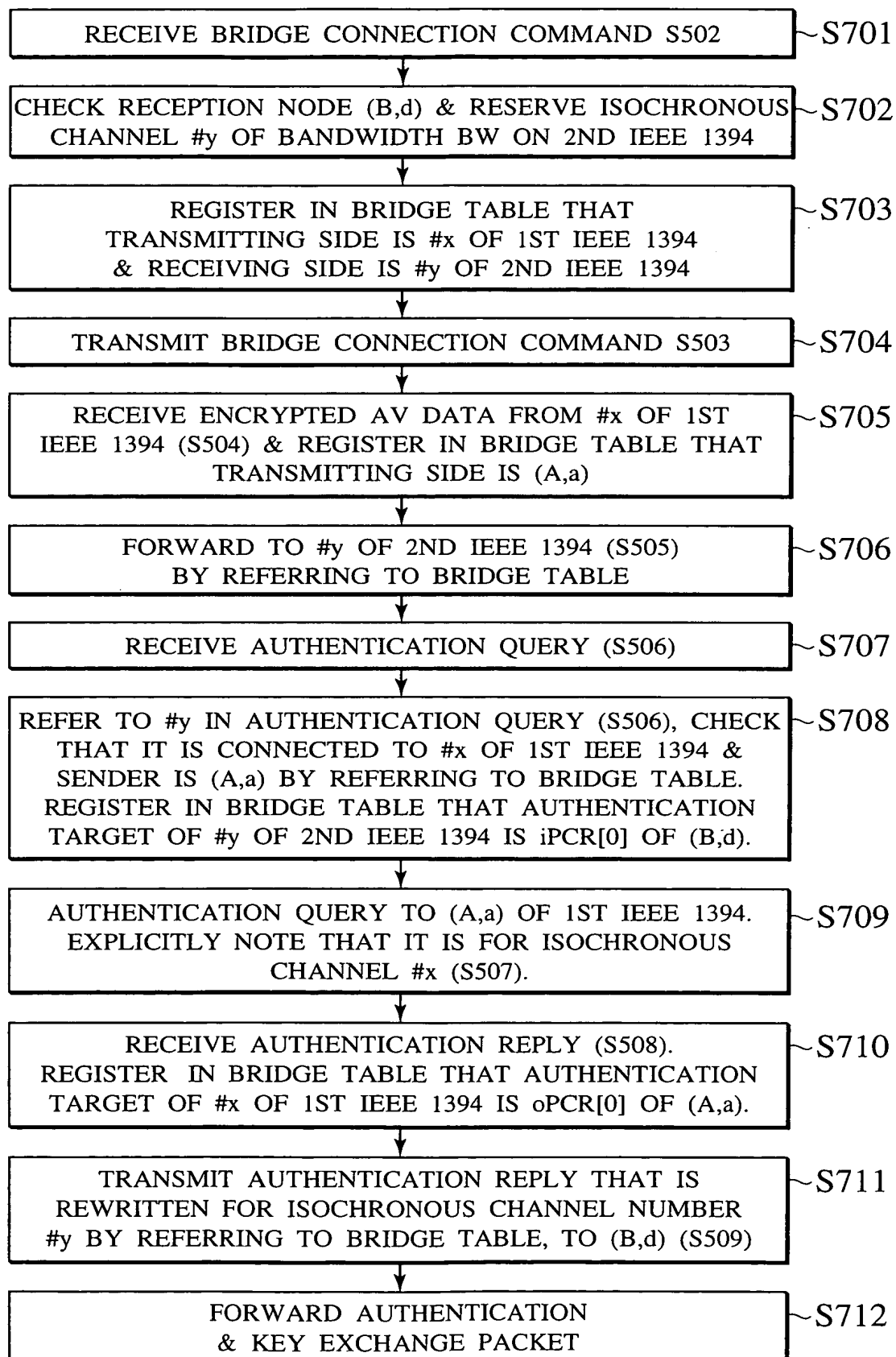


FIG. 7

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FIG. 8

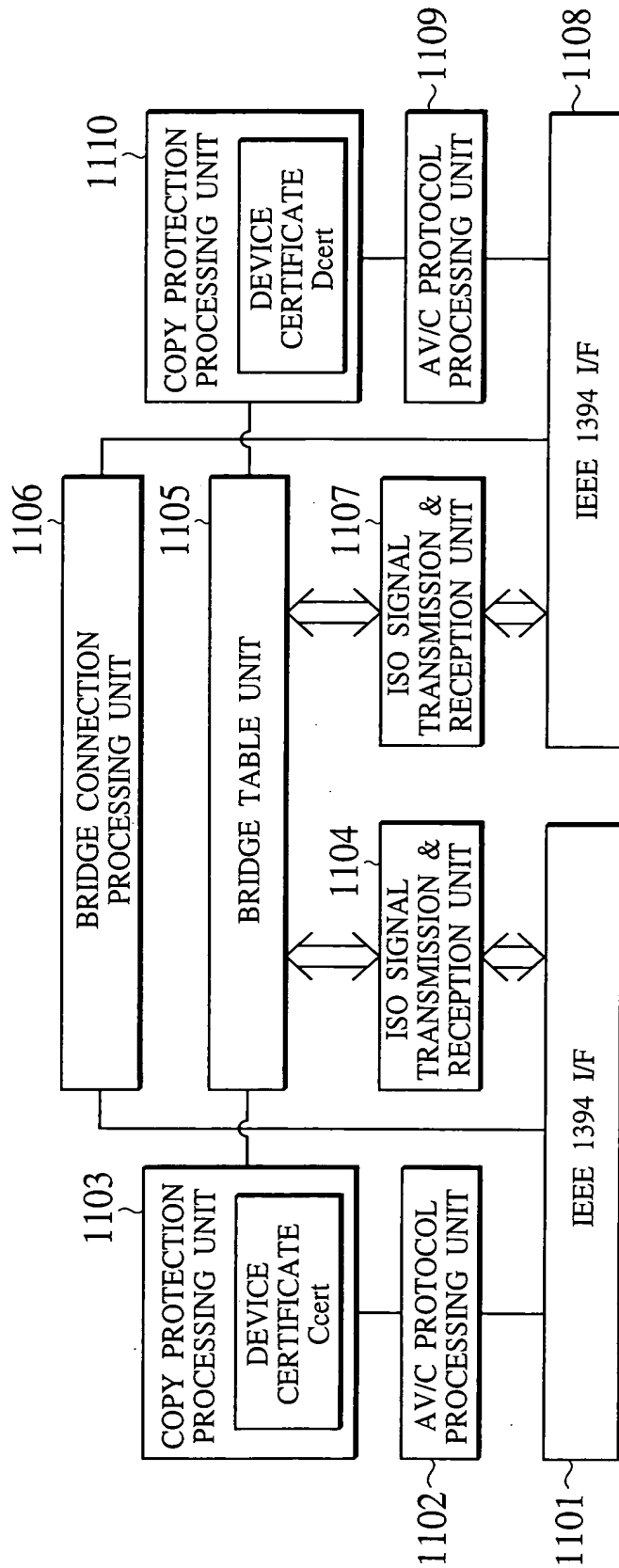




FIG. 9

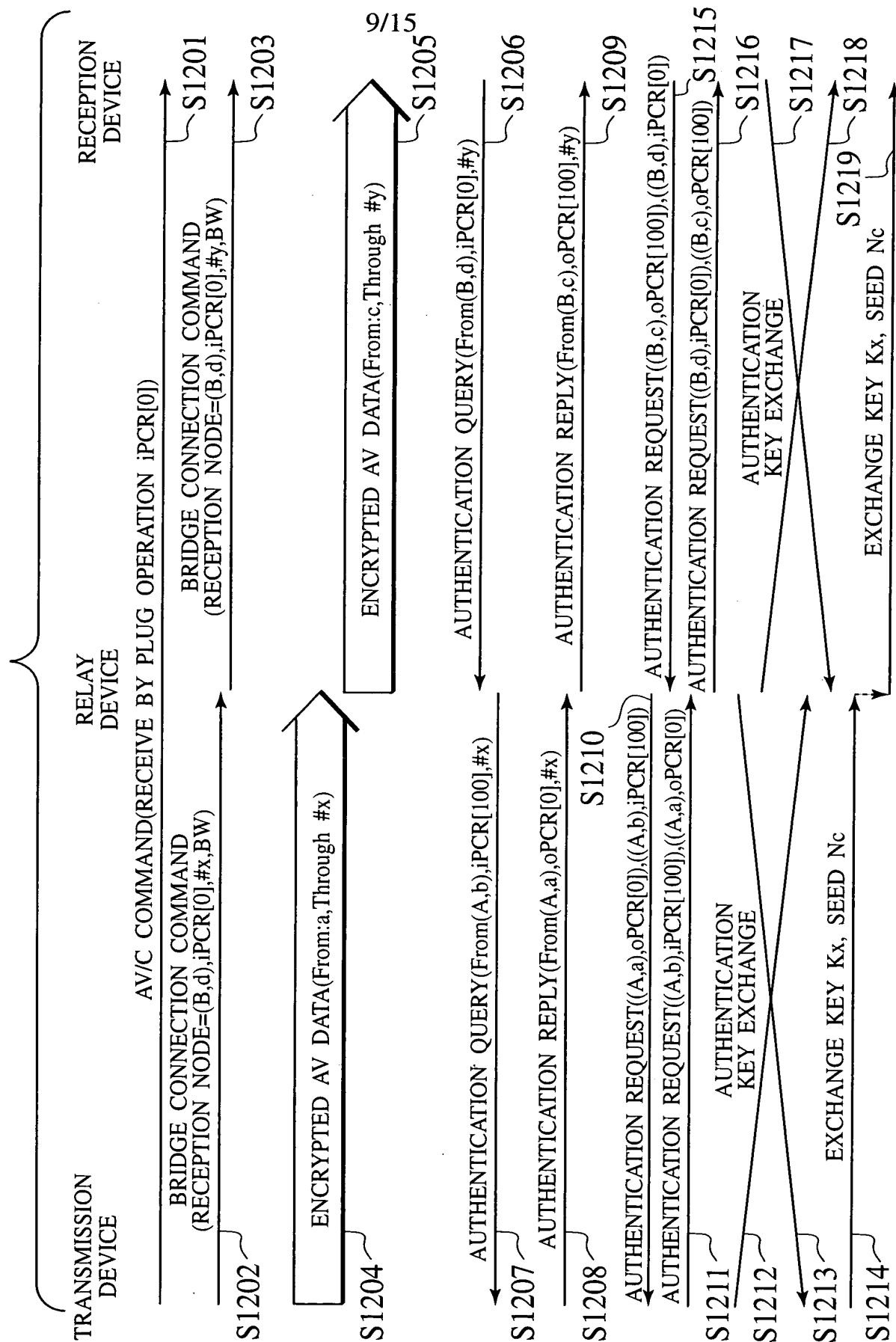


FIG.10A

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1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/RECEPTION DIRECTION	RECEIVING SIDE
	SENDER	
	VIRTUAL PLUG OF THIS DEVICE	
	AUTHENTICATION TARGET	

FIG.10B

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
	VIRTUAL PLUG OF THIS DEVICE	
	AUTHENTICATION TARGET	

FIG.10C

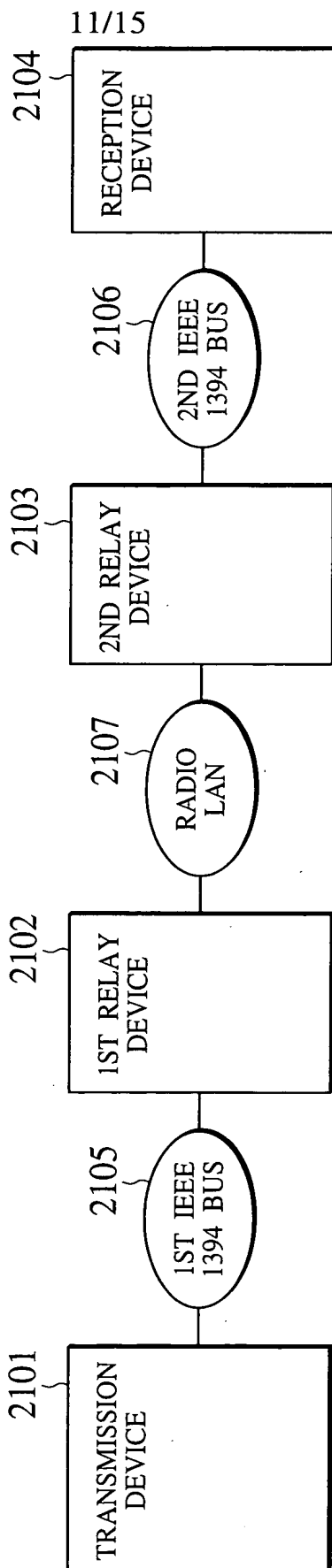
1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
iPCR[100]	VIRTUAL PLUG OF THIS DEVICE	
	AUTHENTICATION TARGET	(B,d),iPCR[0]

FIG.10D

1ST IEEE 1394 SIDE		2ND IEEE 1394 SIDE
#x	ISOCRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/RECEPTION DIRECTION	RECEIVING SIDE
(A,a)	SENDER	THIS DEVICE
iPCR[100]	VIRTUAL PLUG OF THIS DEVICE	oPCR[100]
(A,a),oPCR[0]	AUTHENTICATION TARGET	(B,d),iPCR[0]

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FIG.11



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FIG.12

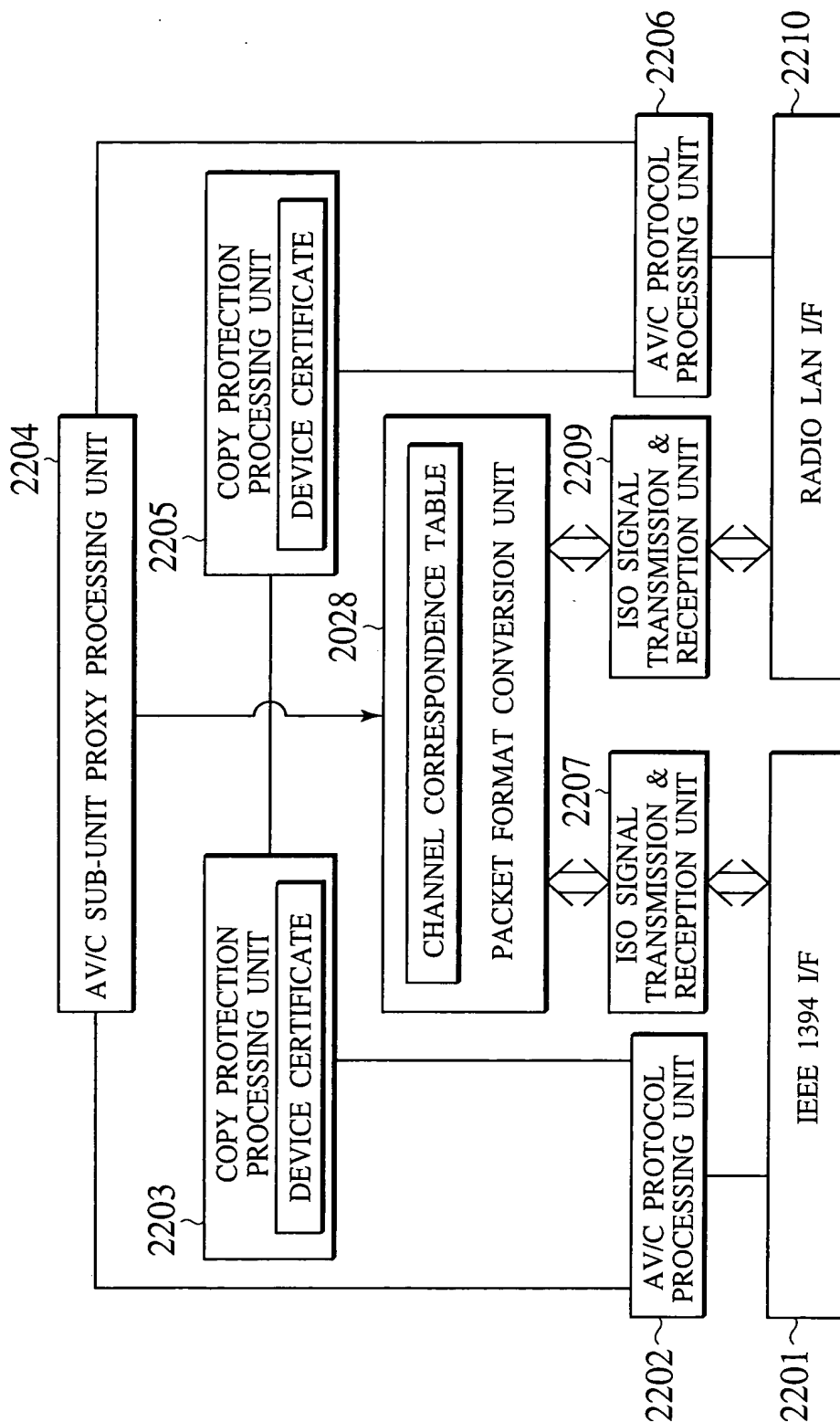


FIG.13

1ST IEEE 1394 SIDE		RADIO LAN SIDE
#x	ISOCHRONOUS CHANNEL NUMBER	#y
TRANSMITTING SIDE	TRANSMISSION/ DIRECTION DIRECTION	RECEIVING SIDE
TRANSMISSION DEVICE	SENDER	oPCR[0] OF THIS DEVICE
TRANSMISSION DEVICE	AUTHENTICATION TARGET	iPCR[0] OF 2ND RELAY DEVICE
THIS DEVICE	RECEIVER	iPCR[0] OF 2ND RELAY DEVICE

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FIG.14

RADIO LAN SIDE		2ND IEEE 1394 SIDE
#y	ISOCHRONOUS CHANNEL NUMBER	#z
TRANSMITTING SIDE	TRANSMISSION/ RECEPTION DIRECTION	RECEIVING SIDE
1ST RELAY DEVICE	SENDER	THIS DEVICE
oPCR[0] OF 1ST RELAY DEVICE	AUTHENTICATION TARGET	RECEPTION DEVICE
iPCR[0] OF THIS DEVICE	RECEIVER	RECEPTION DEVICE

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FIG.15

